

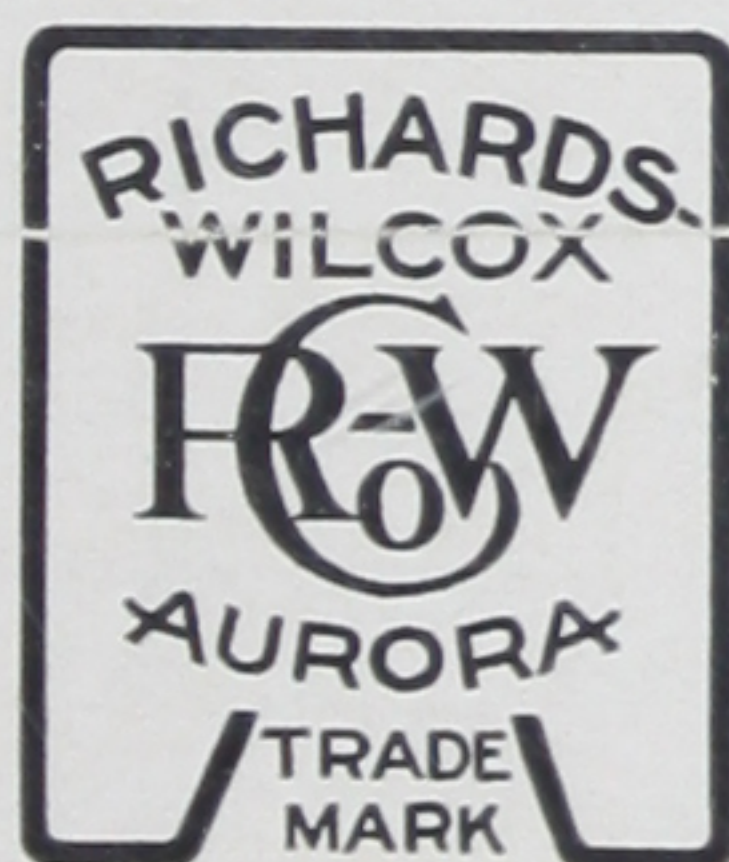
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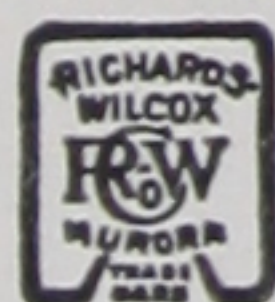
Richards-Wilcox

Accordion Folding Door & Flush Door Hangers

For Schools, Churches
and Public Buildings



Richards-Wilcox



MANUFACTURING Co.
AURORA, ILL. U.S.A.



DOOR HANGERS, GRINDSTONES & HARDWARE SPECIALTIES

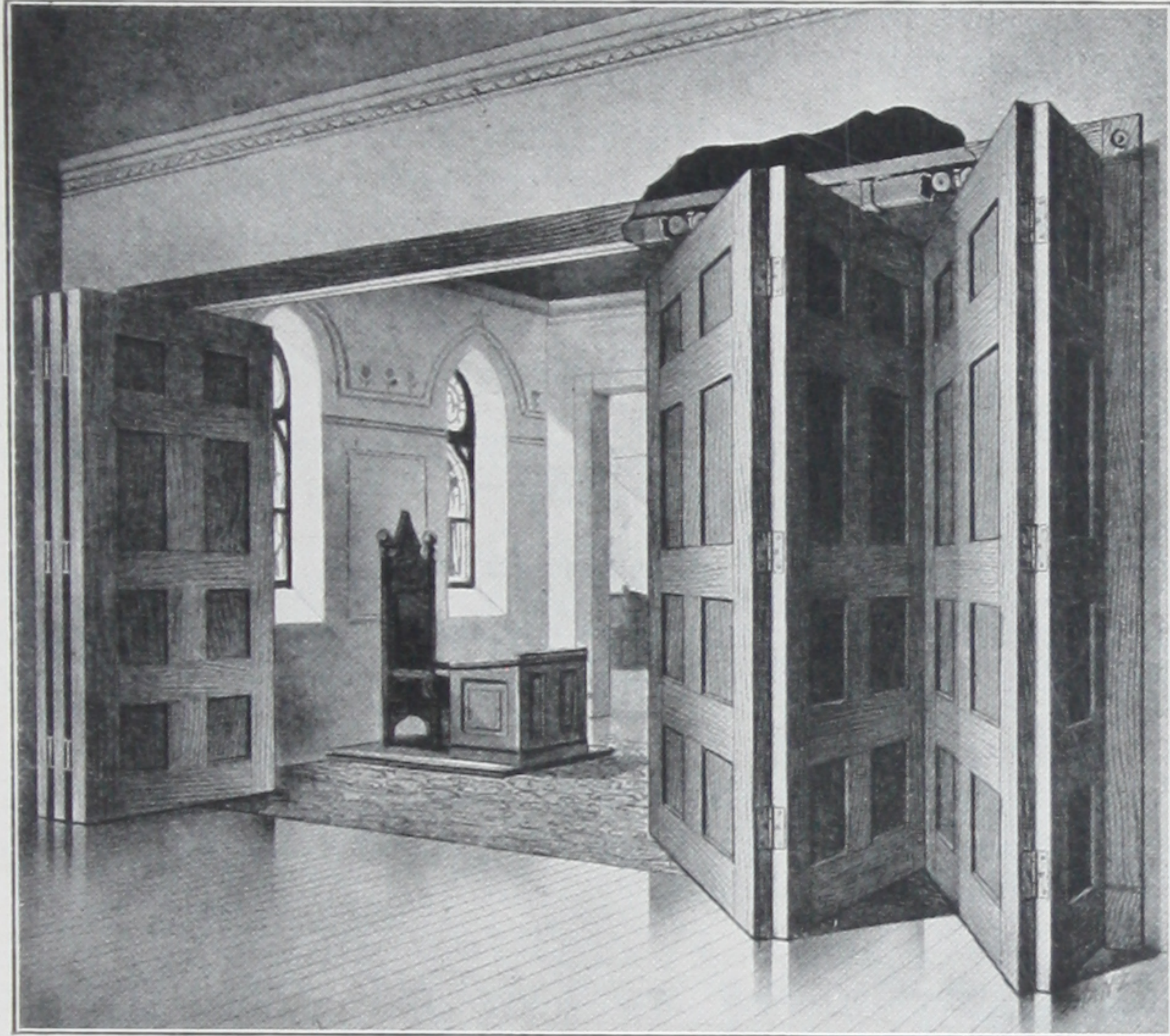
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CCA

LIBRARY
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FRANKLIN

R-W Sliding Accordion Folding Door Hangers



NOTE—Hangers are illustrated on pages 6, 7, 8. Also price lists. Customers are requested to note following information before ordering.

NUMBER OF HANGERS REQUIRED

Four-wheel hangers are preferable and when used one hanger is applied to each alternate door beginning with the door farthest from half-door. Our No. 135 or No. 335 hangers are suitable for this purpose, and will be found absolutely reliable and satisfactory. If it is desirable to install

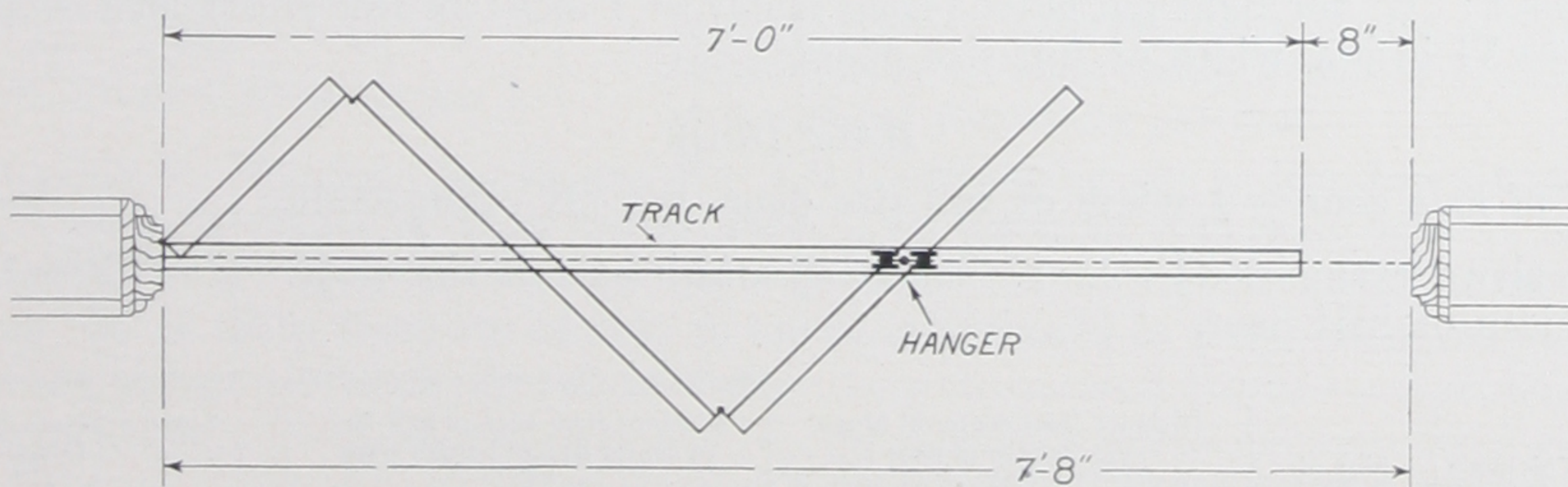


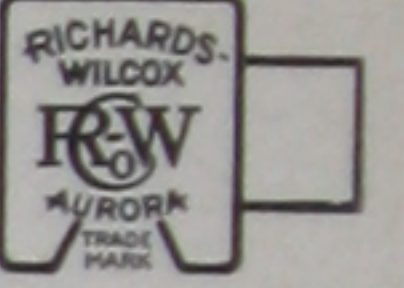
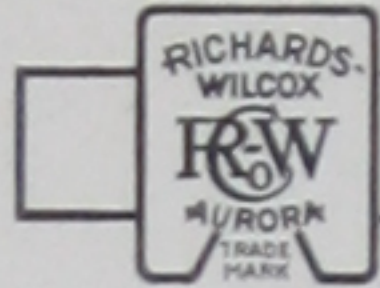
FIG. 1

a hanger on each door a two-wheel hanger is, of course, necessary, and we can highly recommend our No. 137 hanger for this purpose. Figs. 1 and 2 apply to four-wheel hangers only.

Figure 1 shows two full width doors and one half-width door. One hanger only is required for this number of doors, and is to be applied to door farthest from half-door.

Figure 2 shows three full width doors and one half-width door. Two hangers are required for this number of doors, hangers to be applied to every alternate door beginning with door farthest from half-door.

Figure 1 shows that a piece of seven-foot track is needed. At side of opening farthest from hinge jamb an eight-inch space should be left between end of track and jamb. Below this point



R-W Sliding Accordion Folding Door Hangers

INFORMATION, CONTINUED

fit a removable section of soffit to enable the carpenter to remove or replace hanger. Figure 1 refers to a seven-foot opening only.

NOTE—When doors are folded to both sides, two pieces of track are needed. In the center of opening an eight-inch space should be left between ends of track, and below this point fit a removable section of soffit to enable the carpenter to replace or remove hanger.

NOTE—For detailed vertical cross section, see page 5.

TRACK BRACKETS

Track brackets should be spaced 2-foot to 2½-foot centers, according to weight of doors. First three brackets over half-door should be spaced 1-foot to 1½-foot centers.

FULL SIZED DOORS

The width of full size doors and half doors depend upon the size, style and location of butts, thickness of doors and size of hanger used. Below we give rules which may be followed in determining size of doors.

All full size doors must be exactly the same width, with edges perfectly parallel and at right angles to top and bottom of door. Doors should not exceed 3 feet in width. To determine

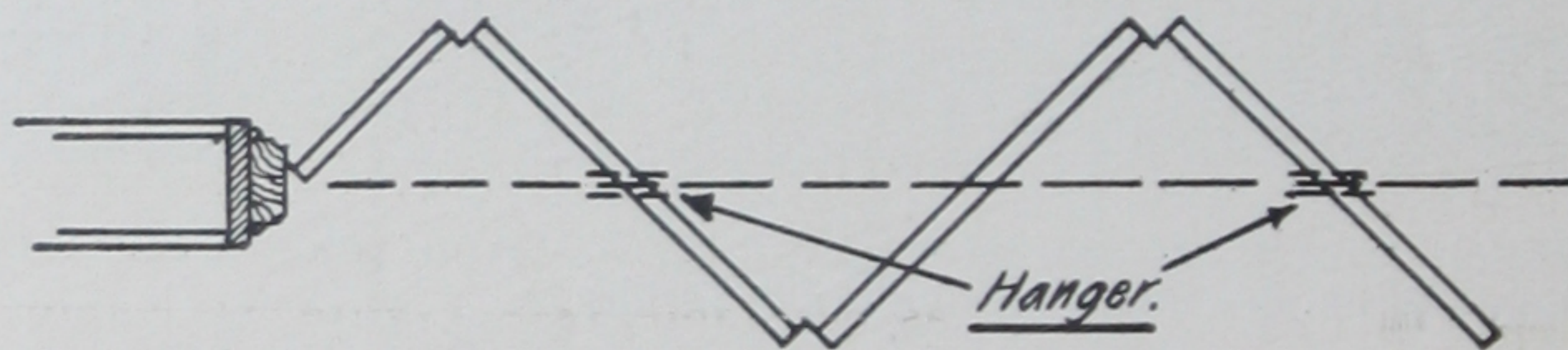


FIG. 2

width of full size doors, add dimension "B" (from table, Figure 3) to clear width of opening (i. e., actual space to be filled by the doors) and divide this sum by the number of full size doors plus ½.

Example: Clear width of opening = 24 feet; thickness of doors = 1¾ inches; number of full size doors = 8; "B" for tight pin butts (from table) = 1 inch; 24 feet plus 1 inch = 289 inches; 289 ÷ 8½ = 34 inches, width of full size doors.

HALF DOOR

Width of half door = ½ width of full size door, less "B" from table.

In the above example, 34 ÷ 2 = 17 inches = ½ width of full size door. 17—"B" = 17—1 = 16 inches. Width of half door.

Hanger Number	Thickness of Doors Inches	Size of butts Inches	Distance from center of hinge pin to edge of door "A"		Distance from edge of half door to center line of hanger track "B"		Space between doors when folded "C"	
			Loose Pin Butts Inches	Tight Pin Butts Inches	Loose Pin Butts Inches	Tight Pin Butts Inches	Loose Pin Butts Inches	Tight Pin Butts Inches
135-0	1⅜	3 x3	¼	¼	1⅝	1⅝	½	½
135-01	1¾	3½x3½	¼	⅛	1⅛	1	½	¼
135-1	2	4 x4	¼	¼	1¼	1¼	½	½
135-1	2¼	4 x4	¼	⅛	1⅜	1¼	½	¼
135-2	2½	5 x5	⅜	⅜	1⅝	1⅝	¾	¾
335	1⅜	3 x3	¼	¼	1⅝	1⅝	½	½
335	1¾	3½x3½	¼	⅛	1⅛	1⅝	½	⅛
137-0	1⅜	3 x3	¼	¼	1⅝	1⅝	½	½
137-1	1¾	3½x3½	¼	¼	1⅛	1⅝	½	½
137-2	2	4 x4	¼	⅛	1¼	1⅝	½	¼
137-2	2¼	4 x4	¼	⅛	1⅜	1⅝	½	¼

FIG. 3

R-W Sliding Accordion Folding Door Hangers

INFORMATION, CONCLUDED

HINGES

Care should be used to set hinges on same door exactly in line, observing dimension "A" in table (Figure 3). Loose pin butts are preferable, but tight pin butts may be used when it is desirable to fold doors as compactly as possible.

NOTE—We do not furnish these hinges.

HANGERS

Use one No. 135 or No. 335 hanger on every second door beginning with door farthest from half-door (Figures 1 and 2). For No. 137 hangers, use one hanger on each full size door. Half doors do not require hangers. To set hangers, hinge doors together, fold them and strike a center line across top of all doors. Attach hangers on this line so that pendant is on the exact center of door, considering both width and thickness.

The table (Figure 3) has been prepared with the view of reducing the space between the doors when folded (as given in column "C") to the minimum which the hangers and butts will allow.

OVERHEAD CONSTRUCTION DETAILS

Figure 4 details a vertical cross section showing typical overhead construction arrangement.

Header to which track brackets are attached should be placed between studding at height "E" above soffit as per table (see Figure 5) below.

NOTE—"2x4" header answers for all track except No. 33, for which a "2x6" header is required. 2 x 2 pieces are spiked to bottom end of studs. Furring strips $\frac{7}{8}$ x $1\frac{1}{2}$ inches are nailed to studs, distance "G" above soffit, as per table (see Figure 5) below.

Head Casing should be attached with screws to permit convenient removal, thus giving access to track bracket bolts so track can be removed in case of necessity without disturbing partition.

Head Casing for No. 30 $\frac{1}{2}$, No. 31 and No. 526 tracks should not be less than six inches wide. For No. 33 track, it should be eight inches wide. This leaves an open space between top of 2 x 2 piece and bottom of $\frac{7}{8}$ x $1\frac{1}{2}$ -inch Furring Strip through which screw driver may be inserted.

Distance "F" in table, from top of door to top of soffit should be $\frac{1}{4}$ inch more than thickness of soffit, to allow proper clearance for top of door.

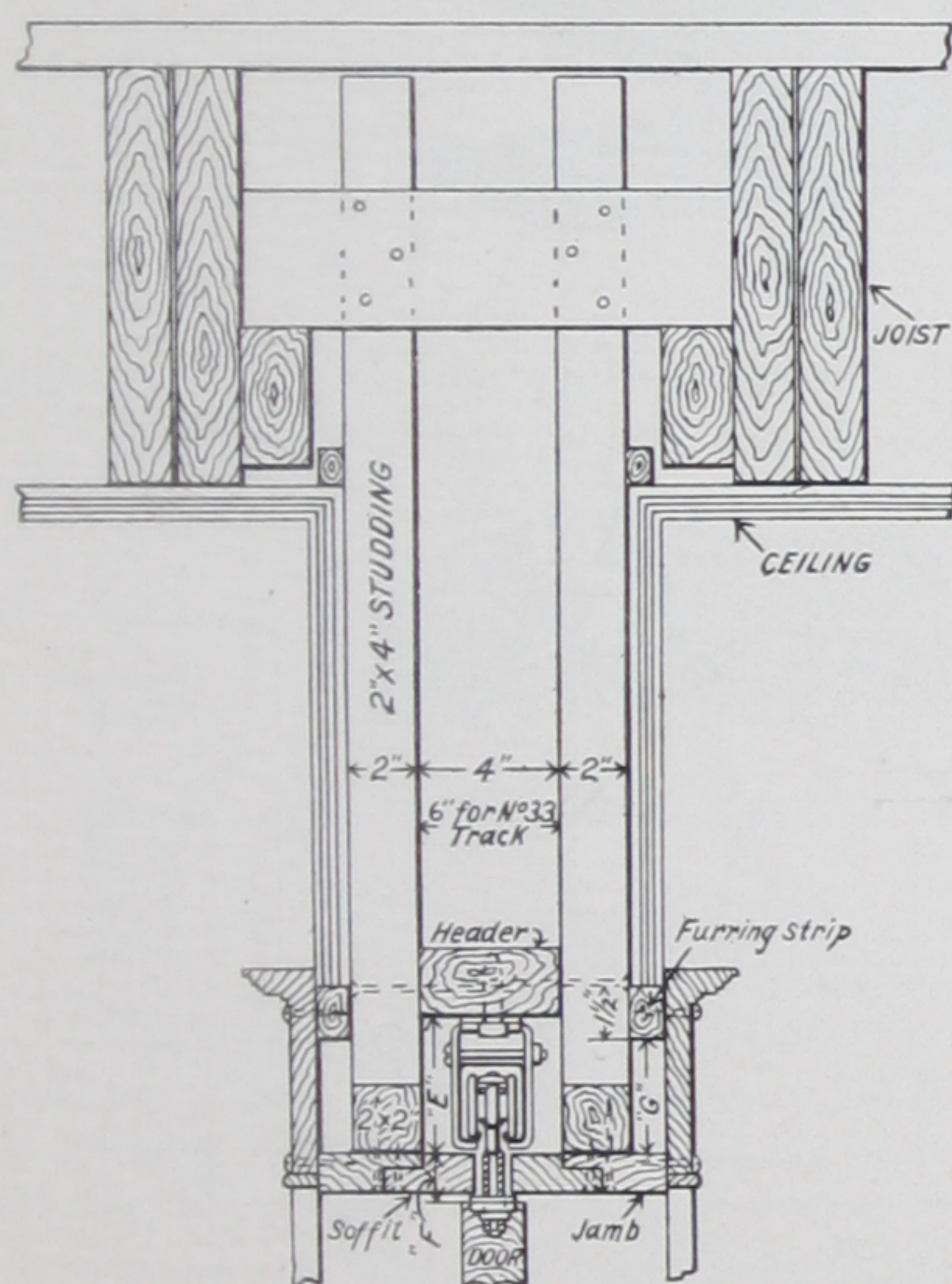
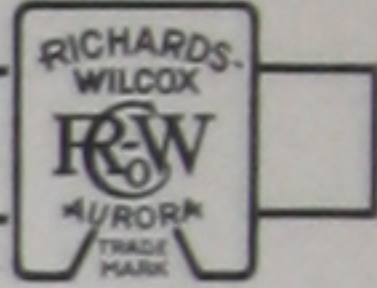
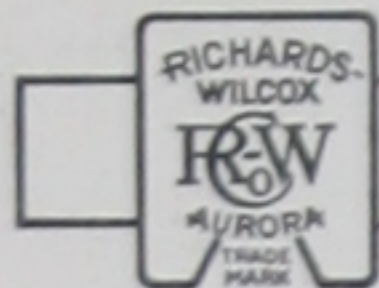


FIG. 4—VERTICAL CROSS SECTION

Hanger Number	Wheels	Bearings	Track Number	Thickness of Doors Inches	"E"—Distance from top of soffit to bottom of header Inches	"F"—Distance from top of door to top of soffit, Inches		"G"—Distance from top of jamb to bottom of furring strip Inches
						$\frac{7}{8}$ -in. Soffit	$1\frac{1}{8}$ -in. Soffit	
135-0	Metal	Ball	30 $\frac{1}{2}$	$1\frac{3}{8}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
135-01	Metal	Ball	31	$1\frac{3}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
135-1	Fibre	Roller	31	$2 \& 2\frac{1}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
135-2	Fibre	Roller	33	$2\frac{1}{2}$	$5\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$4\frac{3}{4}$
335	Gray Iron	Ball	526	$1\frac{3}{8}$ & $1\frac{3}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
137-0	Metal	Ball	30 $\frac{1}{2}$	$1\frac{3}{8}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
137-1	Fibre	Ball	31	$1\frac{3}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$
137-2	Gray Iron	Ball	31	$2 \& 2\frac{1}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$3\frac{1}{4}$

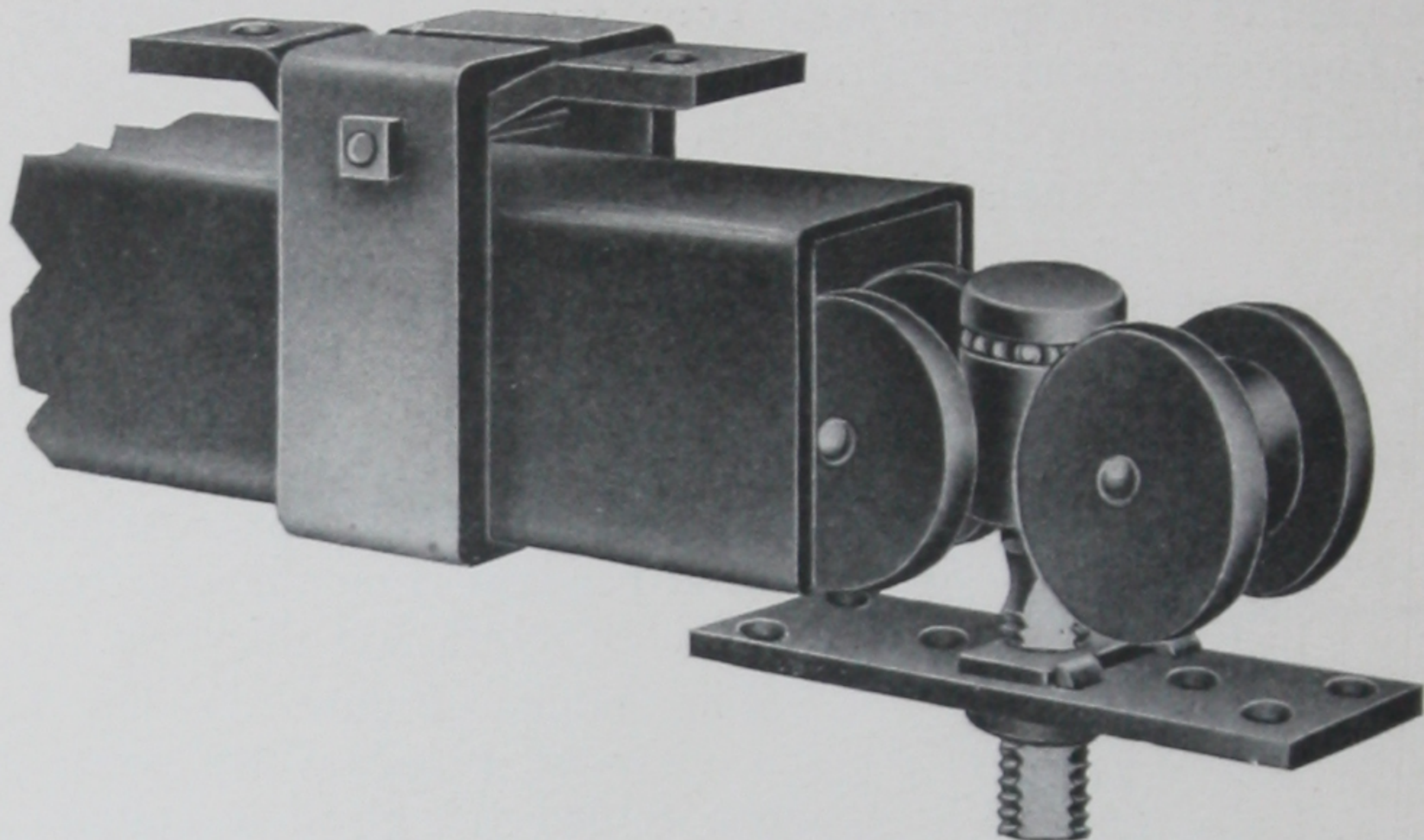
FIG. 5

Further information contained in working blue prints and special literature which will be sent on request.



No. 135
R-W Sliding Accordion Folding Door Hanger

(WILCOX No. 291)
MADE IN FOUR SIZES



For folding-sliding partition doors. Fitted with vertical screw adjustment and ball bearing swivel pendant. Frame: No. 0 and No. 01, drop forged; No. 1 and No. 2, malleable iron.

PRICE LIST

Hanger Number	For Track Number	WHEELS		Bearings	Thickness of Doors Inches	Weight Each Pounds	List Price Each
		Diameter, In.	Regular				
135-0	30½	1¾	Metal	Ball	1⅜	1½	\$3.00
135-01	31	1⅞	Metal	Ball	1¾	2	3.50
135-1	31	2⅛	Fibre	Roller	2 and 2¼	1¾	3.50
135-2	33	3	Fibre	Roller	2½	5	5.00

Discount.....

TRACK AND BRACKETS

	Weight Pounds	Unit	Price
No. 30½ track, black	1½	per ft.	\$.16
No. 31 track, black	1⅔	per ft.	.19
No. 33 track, black	4	per ft.	.44
No. 30½ x 3 split brackets for 30½ track	⅝	each	.25
No. 31 x 3 split brackets for 31 track	1½	each	.30
No. 33 x 3 split brackets for 33 track	3¼	each	.70

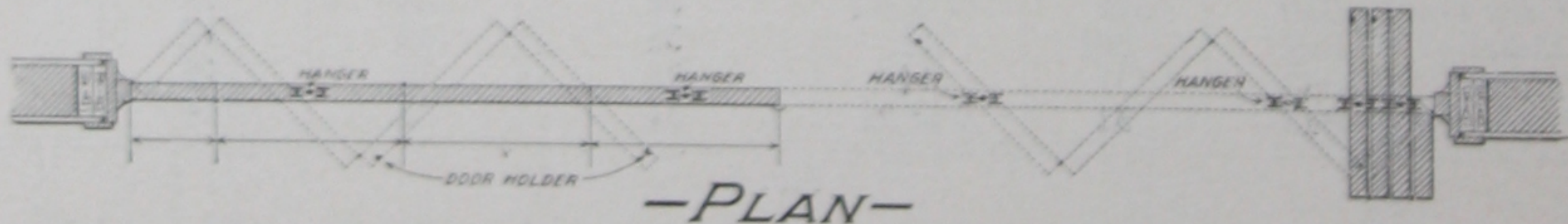
Discount.....

Directions for Ordering—Always specify by number, the hangers, track and brackets desired. Track should be as long as opening is wide, less eight inches.

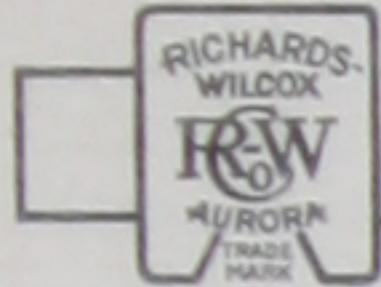
Brackets should be placed 2 to 2½ feet apart. Doors should not exceed 3 feet in width.

In ordering state number of full size doors and half doors, width of opening and the thickness of doors.

NOTE—One No. 135 hanger used on every other door, beginning with door farthest from half door. Nos. 1 and 2 size furnished with metal wheels if desired.



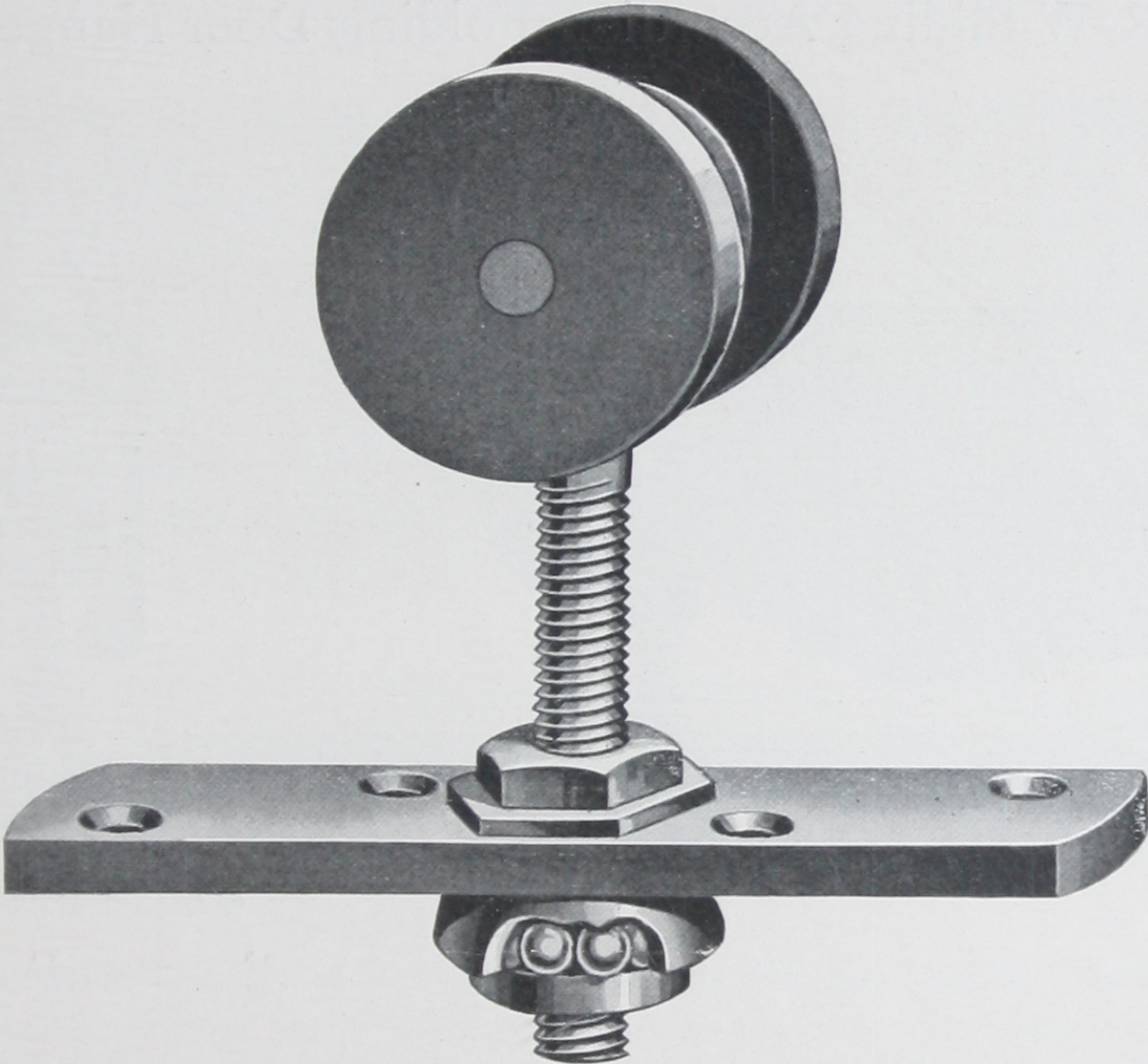
For erecting plans, see pages 3, 4, 5.



RICHARDS-WILCOX MFG. CO., AURORA, ILLINOIS, U. S. A.



No. 137
R-W Sliding Accordion Folding Door Hanger
(WILCOX No. 221)
MADE IN THREE SIZES



For folding-sliding partition doors. Fitted with vertical screw adjustment and ball bearing swivel drop forged pendant.

PRICE LIST

Hanger Number	For Track Number	WHEELS		Bearings	Thickness of Doors Inches	Weight Each Pounds	List Price Each
		Diameter, In.	Regular				
137-0	30½	1¾	Metal	Ball	1⅜	1	\$2.50
137-1	31	2⅛	Fibre	Ball	1¾	1¼	3.00
137-2	31	2⅛	Metal	Ball	2 and 2¼	2½	3.20

Discount.....

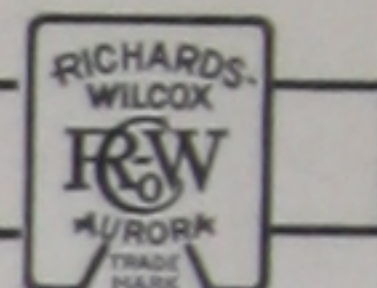
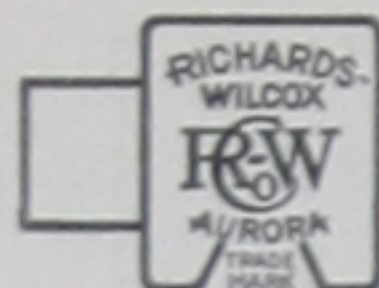
TRACK AND BRACKETS

	Weight Pounds	Unit	Price
No. 30½ track, black	1½	per ft.	\$.16
No. 31 track, black	1⅔	per ft.	.19
No. 30½ x 3 split brackets for 30½ track	⅝	each	.25
No. 31 x 3 split brackets for 31 track	1½	each	.30

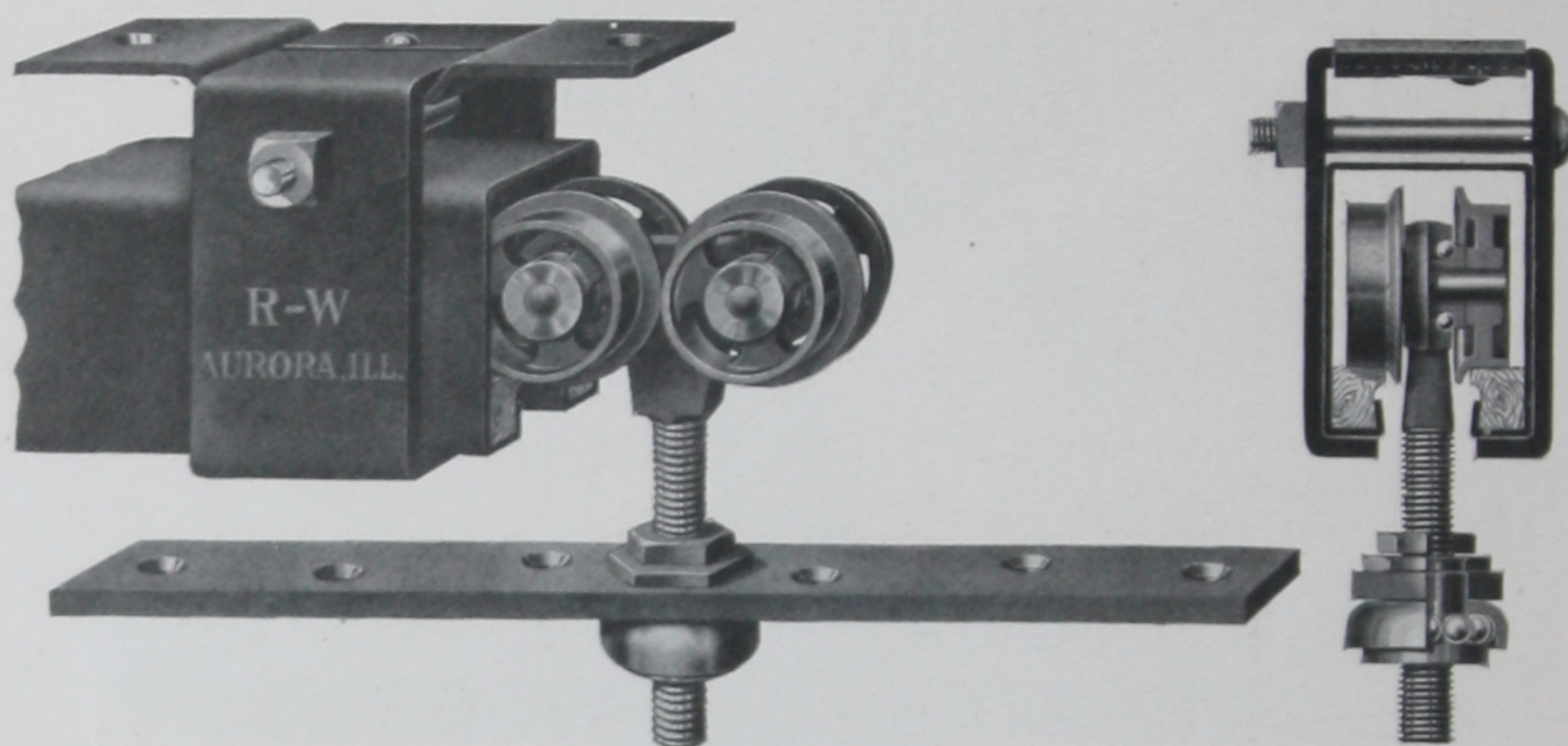
Discount.....

Directions for Ordering—Always specify by number, the hangers, track and brackets desired. Track should be as long as opening is wide, less eight inches. Brackets should be placed 2 to 2½ feet apart. Doors should not exceed 3 feet in width. In ordering state number of full size doors and half doors, width of opening and the thickness of doors.

NOTE—One No. 137 hanger should be attached to each full size door. For erecting plans, see pages 3, 4, 5.



No. 335
R-W Sliding Accordion Folding Door Hanger
(NOISELESS)



For folding-sliding partition doors. Fitted with vertical screw adjustment and ball bearing swivel drop forged pendant. Track, No. 16 gauge steel and hard maple lined, No. 526 clincher type. Wheels, grey iron, lathe turned, $1\frac{7}{8}$ inches diameter. Bearings, steel balls. Suitable for doors $1\frac{3}{8}$ inches to $2\frac{1}{4}$ inches thick. Weight: hangers, per pair, $2\frac{1}{2}$ pounds; track, per foot, $1\frac{3}{4}$ pounds; brackets, each, $1\frac{1}{2}$ pounds.

PRICE LIST

No. 335 Hangers, each.....	\$4.00
No. 526 Track, per foot.....	.50
No. 31 x 3 Split Brackets, each.....	.30

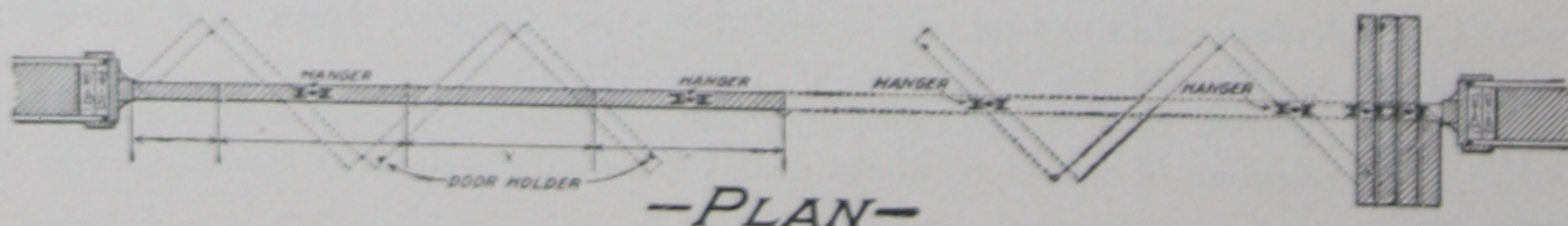
Discount.....

Directions for Ordering—Always specify by number, the hangers, track and brackets desired. Track should be as long as opening is wide, less eight inches.

Brackets should be placed 2 to $2\frac{1}{2}$ feet apart. Doors should not exceed 3 feet in width.

In ordering state number of full size doors and half doors, width of opening and the thickness of doors.

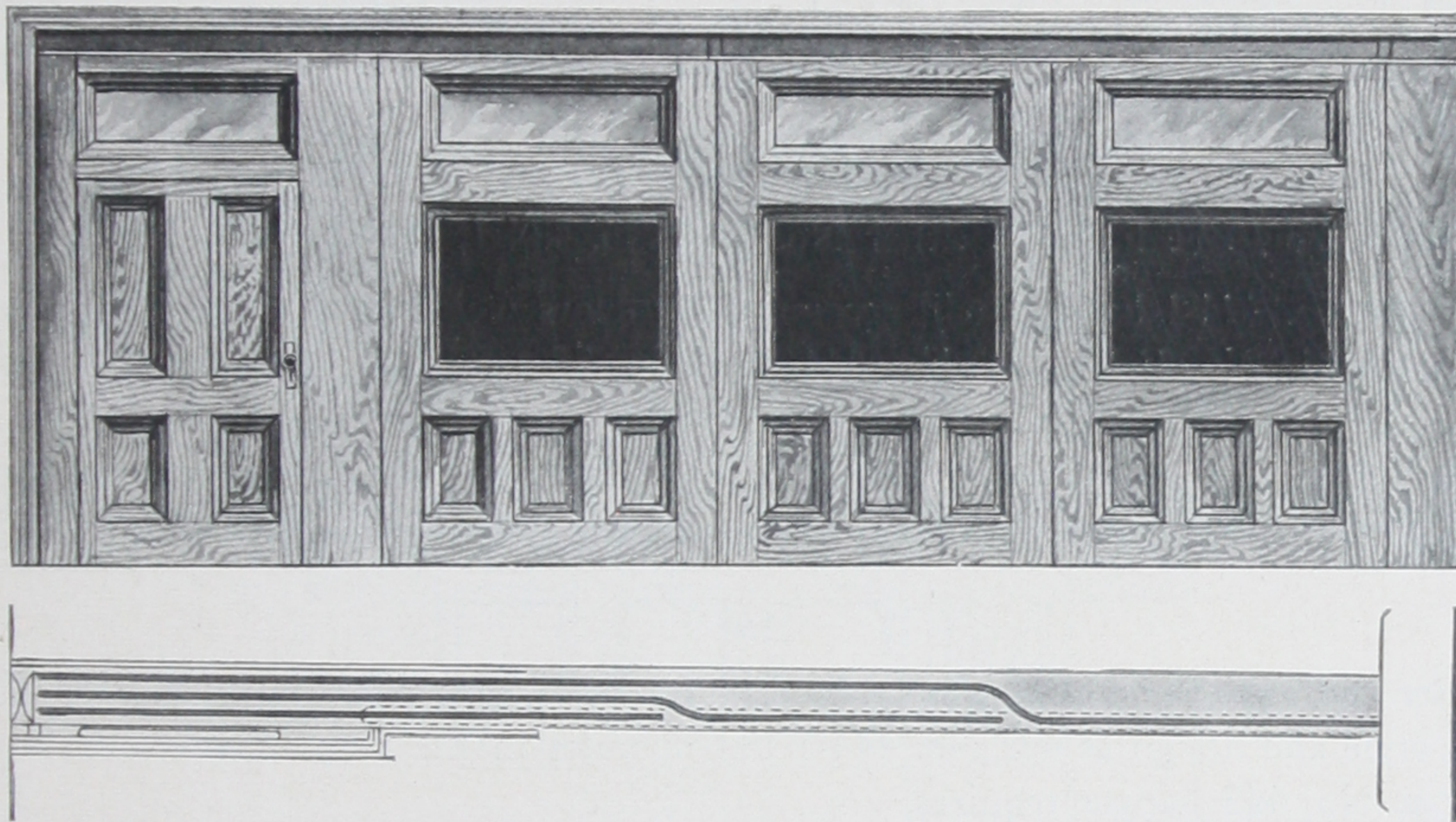
NOTE—One No. 335 hanger used on every other door, beginning with door farthest from half door.



For erecting plans, see pages 3, 4, 5.

R-W Flush Door Hangers

DESIGNED FOR SLIDING PARTITION DOORS IN PUBLIC SCHOOLS, LIBRARIES AND CHURCHES
APPROVED BY BOARDS OF EDUCATION IN ALL LEADING CITIES



NOTE—Hangers are illustrated on pages 13, 14. Customers are requested to note following information before ordering.

For closing large openings between rooms in public buildings, the flush door method is the best. The doors are entirely out of the way when open and form a real partition between rooms when closed. This is accomplished by special arrangement of tracks.

Figure 1 shows Flush Doors sliding back into a pocket when open. When withdrawn, doors stand in one continuous line. A small door hinged to pocket casing is used to close up pocket opening when doors are withdrawn. This hinged door is provided with a lock which locks

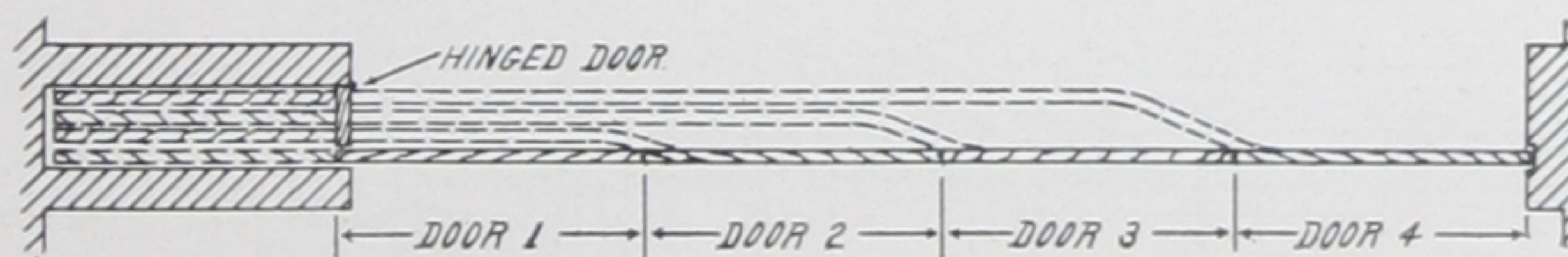


FIG. 1

it to door No. 1. This door is also used to cover face of doors when they are in pocket. Door No. 1 runs on straight track. Each of the other doors has its own track, and each track requires a compound curve. Each door should also have flush bolt set into bottom of door on side farthest

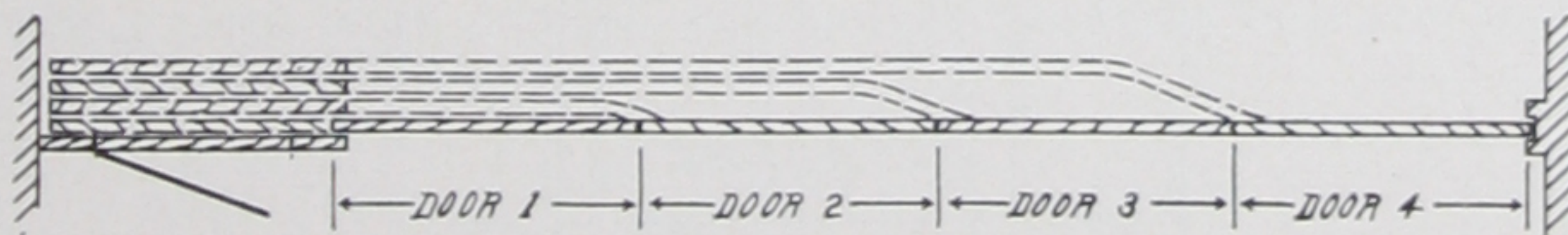


FIG. 2

from pocket. Meeting stiles of doors should be astragals, and on large work metal astragals are generally used. Each door should also be provided with a flush pull.

Figure 2 shows the use of stationary panel, which is similar in size and design to the sliding doors, except that it has a small wicket door cut in it to provide easy communication

R-W Flush Door Hangers

INFORMATION, CONTINUED

between adjoining rooms when the large doors are closed. When the stationary panel is used the doors when opened are pushed back alongside of it.

Figure 3 shows door opening toward both sides of room, and either of the arrangements shown in Figs. 1 and 2 may be used. The door equipment is the same.

INSTALLATION DETAILS

Flush doors should be hung on either No. 443, No. 444-1, or No. 444-2 hangers.

No. 443 or No. 444-1 hangers will accommodate doors weighing up to five hundred pounds. No. 443 operates in No. 164 track. No. 444-1 in No. 75 track, as illustrated on pages 13, 14.

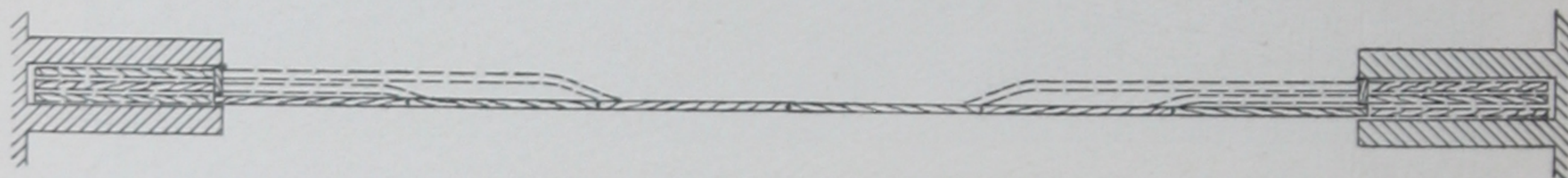


FIG. 3

If heavier doors are to be hung, they should be equipped with No. 444-2 hangers. This hanger is the same style and design as our No. 444-1 but operates in the larger track, our No. 164, the same track as No. 443 hanger requires.

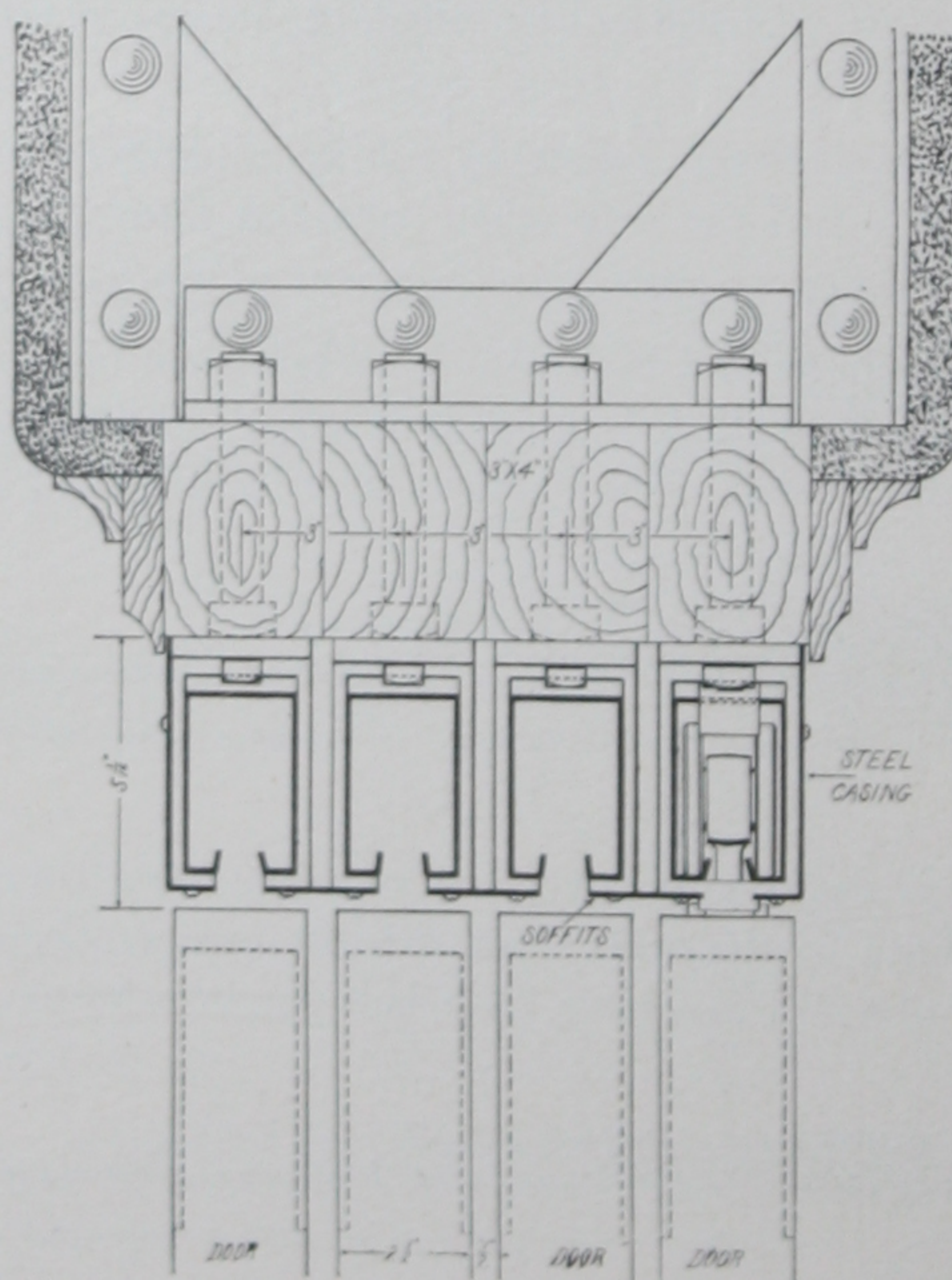
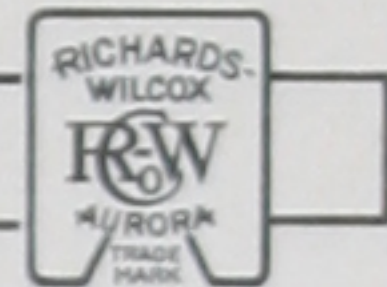
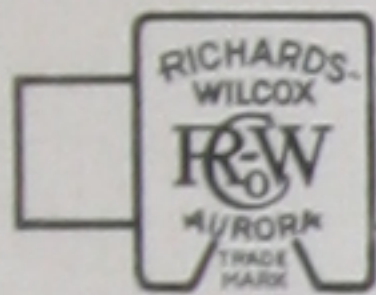


FIG. 4

No. 443 hanger requires 5 1-16 inches from the top of door to the header, as shown in vertical cross-section, Figure 4.

When the No. 443 hanger is used, the center of pendant bolt should be $8\frac{1}{2}$ inches from edge of door. When the No. 444-1 hanger is used, the minimum distance should be $11\frac{1}{2}$ inches; No.



R-W Flush Door Hangers

INFORMATION, CONTINUED

444-2 should be $12\frac{1}{2}$ inches. Aprons and side plates of hangers are so made that they unite and help tie together the stile and top rail of door. Stiles of doors should be at least 7 inches wide. Hangers are furnished regularly for doors $2\frac{1}{2}$ inches thick, but we can make them up for doors of any thickness, if necessary.

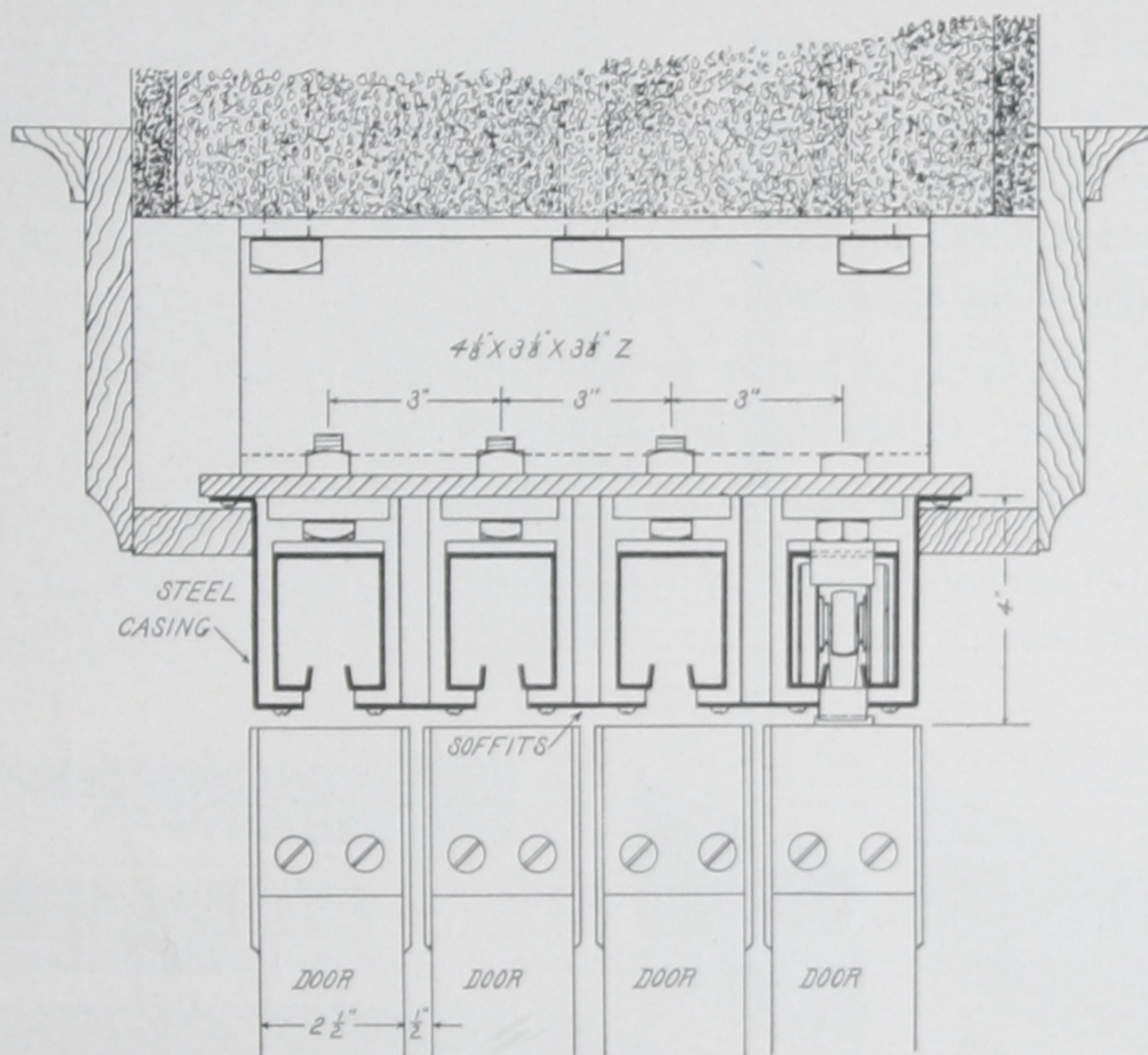


FIG. 5

No. 444-1 HANGER REQUIRES 4 INCHES, AS SHOWN IN VERTICAL CROSS SECTION FIGURE NO. 5

No. 444-2 HANGER REQUIRES $5\frac{1}{8}$ INCHES AS SHOWN IN VERTICAL CROSS SECTION FIGURE NO. 4 ON PAGE 10.

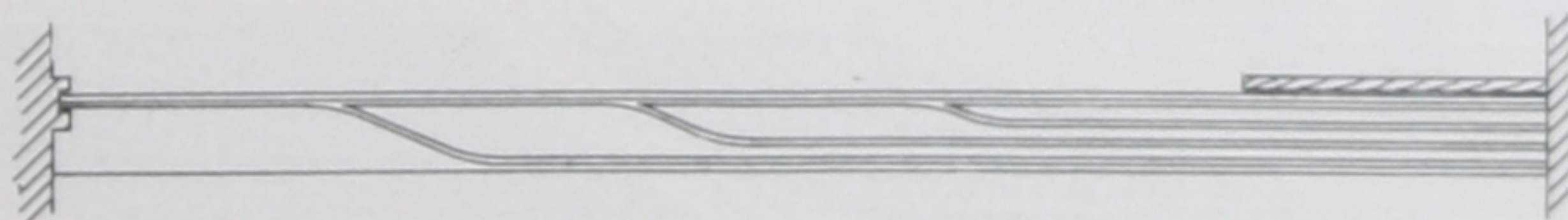


FIG. 6

TRACK

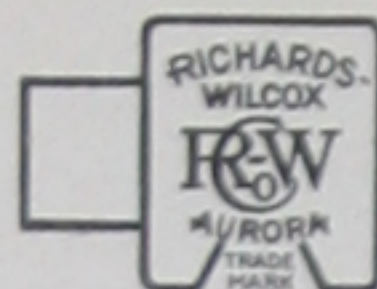
For full size cross sections of track, see pages 13, 14

Tracks should be spaced three-inch centers, and should be enclosed with steel casings and soffits which are attached direct to brackets with small machine screws. Soffits cover entire bottom of tracks excepting slots wide enough for hanger pendants to travel through. (See Figure 6.)

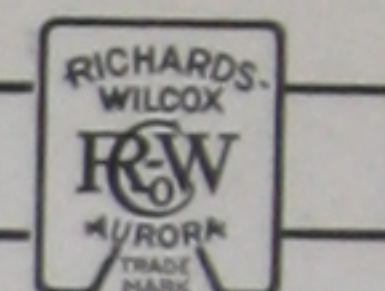
BRACKETS

Brackets may be bolted either to wood beams or steel plates, and it is well to arrange headers so that through bolts can be used rather than lag screws, especially on the extra heavy doors. Brackets are malleable iron and are tapped to receive screws used in attaching the casing and soffits. End brackets have a stop lug against which the door-stop strikes. This prevents doors accidentally running out of track.

NOTE—Further information contained in working blue prints, which will be sent on request.



RICHARDS-WILCOX MFG. CO., AURORA, ILLINOIS, U. S. A.



R-W Flush Door Hangers

INFORMATION, CONCLUDED

DIRECTIONS FOR ORDERING

In ordering state number of doors, width of opening between finished jambs and thickness of doors.

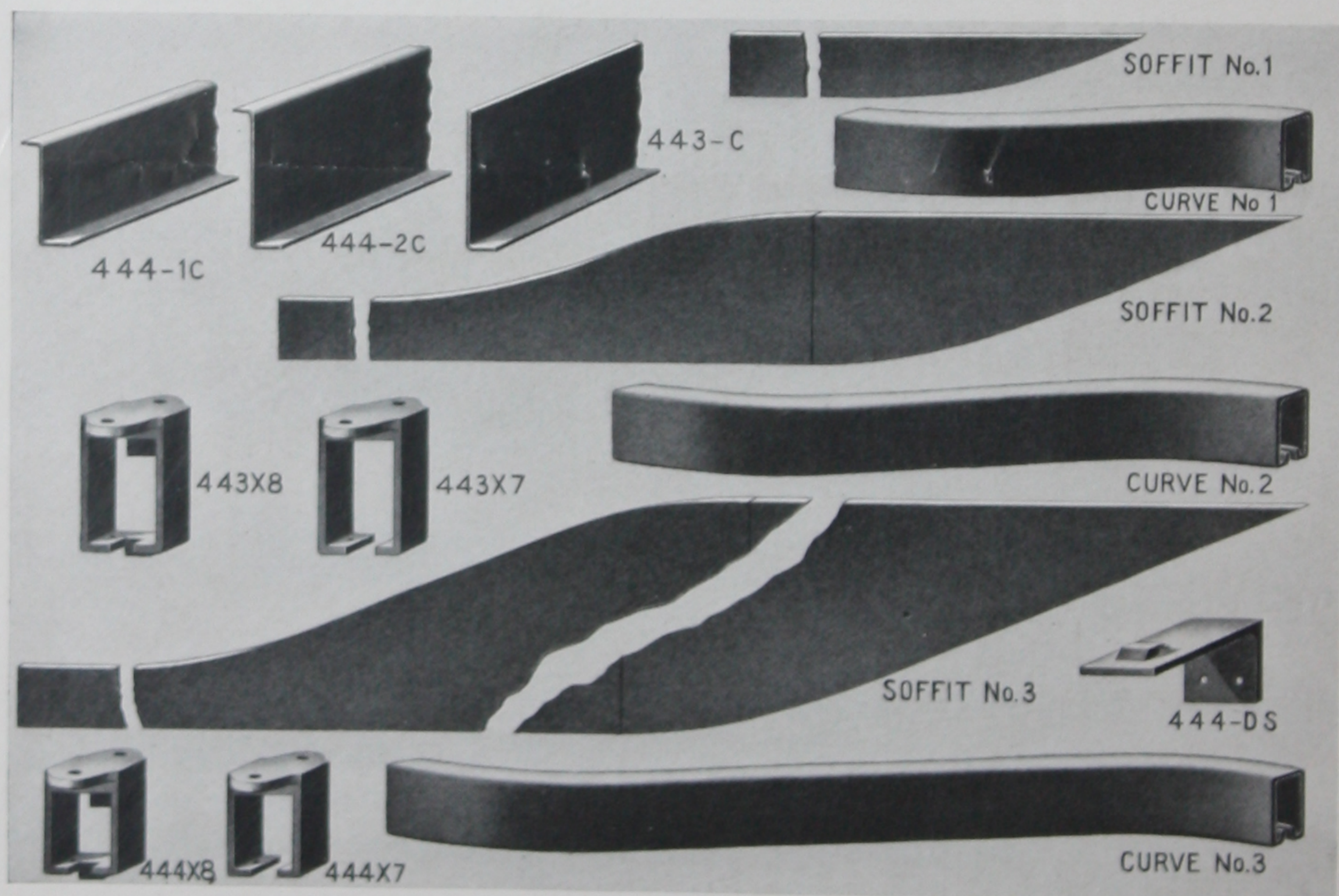
Width of each door, approximate weight of doors, if all slide toward one side or if one-half of doors slide toward each side, when open.

State whether doors slide back into pockets or along side of a stationary panel when open. State depth of pocket or width of stationary panel. When doors close into a pocket, always allow three inches pocket width for each door. State distance first and last doors lap the jambs or stationary panels when doors are closed.

Describe style and thickness of header to which brackets are attached. Always specify if bolts are desired to attach brackets to heading timber or plate.

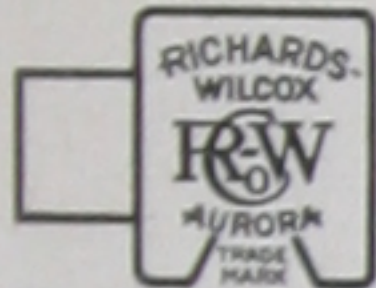
State if steel soffit plates and casings are required.

Always send sketch showing layout of track and dimensions so we can determine whether curves are right or left hand.

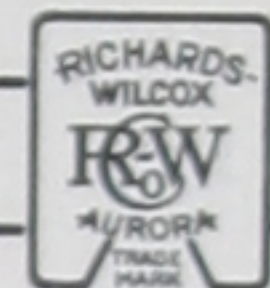


NOTE—Compound curves and soffit plates increase in size according to number of doors in opening. Soffits are trimmed to approximate shape, but screw holes in soffits and casings must be punched by contractor on the job.

For description, see pages 13, 14.



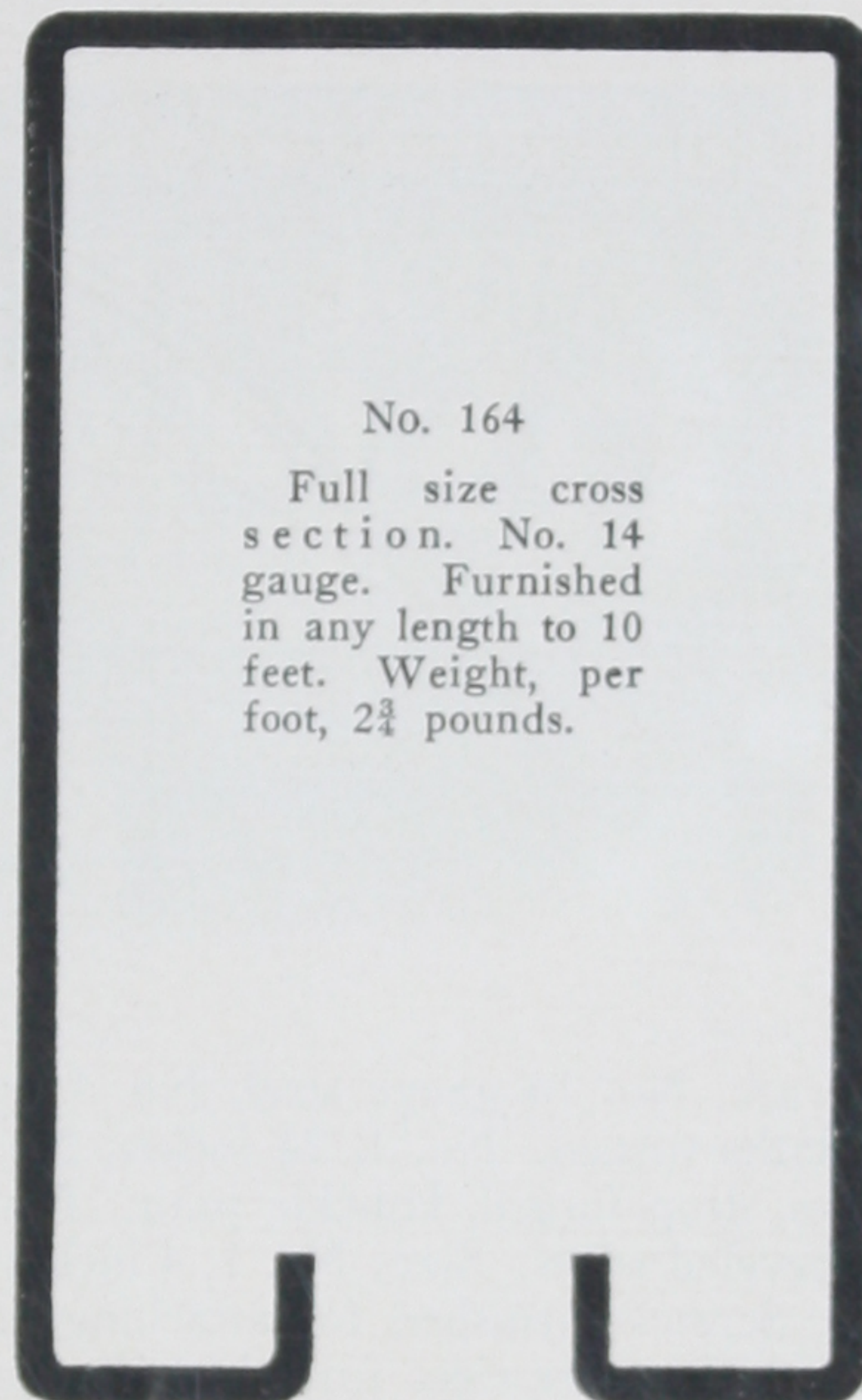
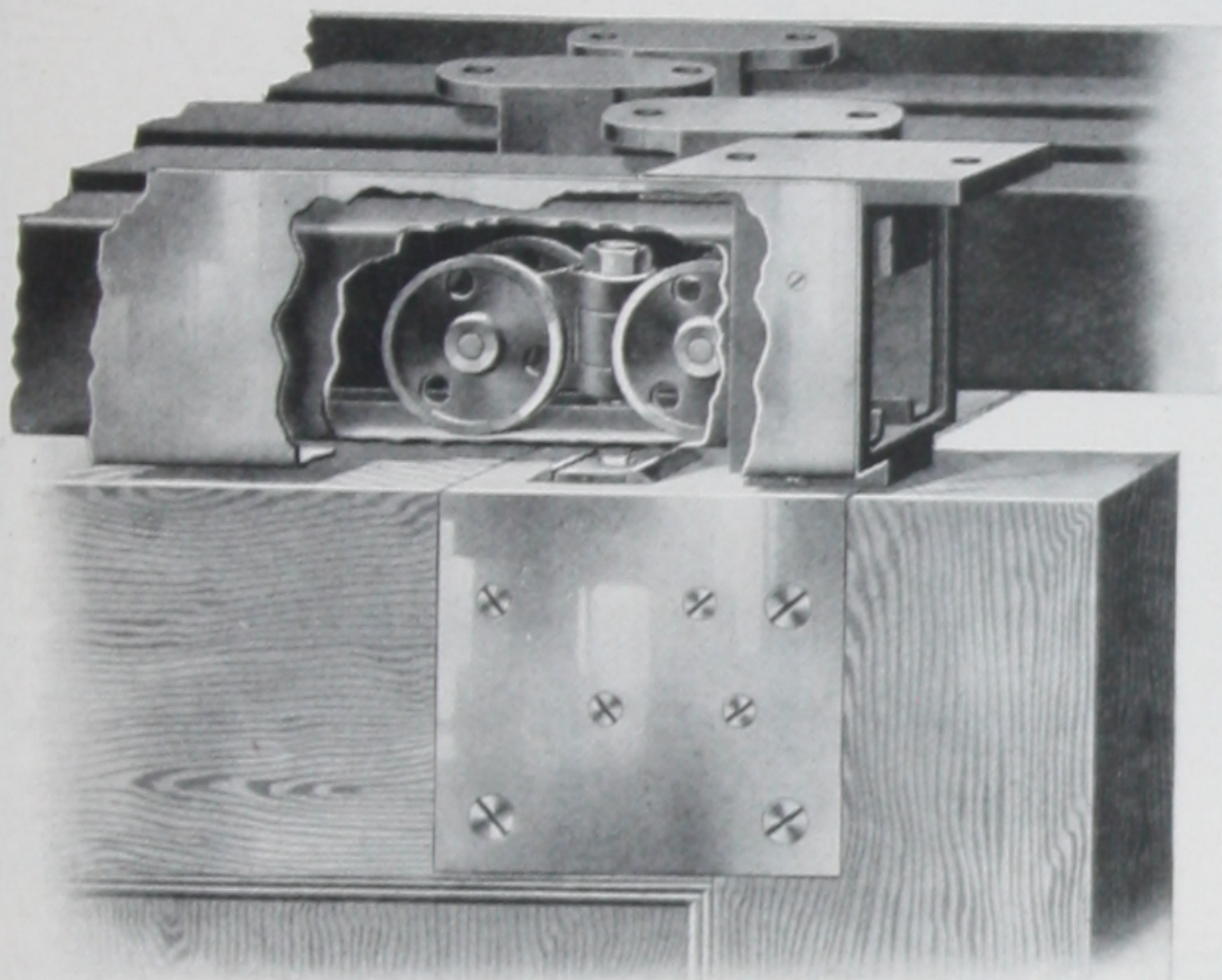
RICHARDS-WILCOX MFG. CO., AURORA, ILLINOIS, U. S. A.



No. 443—R-W Flush Door Hanger

(WILCOX No. S 443)

APPROVED BY BOARDS OF EDUCATION IN ALL LEADING CITIES



No. 164

Full size cross section. No. 14 gauge. Furnished in any length to 10 feet. Weight, per foot, $2\frac{3}{4}$ pounds.

Track, No. 14 gauge steel, No. 164 type. Wheels, grey iron, lathe turned, $2\frac{7}{8}$ inches diameter. Bearings, high duty steel balls. Frame, drop forged, knuckle joint. Finish: hanger, black enamel; apron, solid brass, polished. Adjustment, vertical. Apron, $6\frac{1}{2}$ inches wide, 6 inches long. Screws furnished for attaching hanger to door. Hangers made regular for doors $2\frac{1}{2}$ inches thick, other sizes furnished if required. Aprons on special sizes are made of steel, brass plated. Distance from top of door to heading timber or plate, 5 1-16 inches.

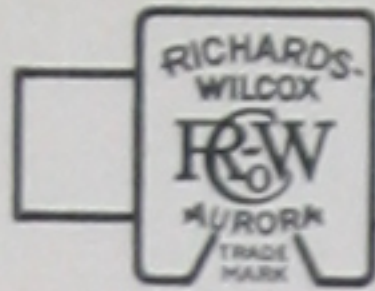
DESCRIPTIVE LIST

HANGER, TRACK, CURVES, BRACKETS, SOFFIT PLATES AND CASING

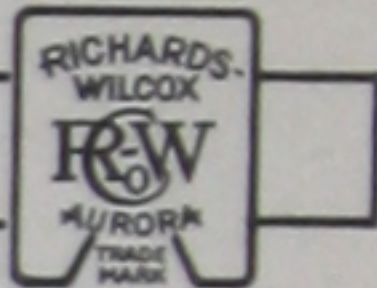
Number	Article	Weight
443	Hanger	Per pair . . 20 lbs.
164	Track, No. 14-gauge steel	Per foot . . $2\frac{3}{4}$ lbs.
164-1	Compound curve, No. 1, No. 14-gauge steel	Each . . . 4 lbs.
164-2	Compound curve, No. 2, No. 14-gauge steel	Each . . . $5\frac{1}{2}$ lbs.
164-3	Compound curve, No. 3, No. 14-gauge steel	Each . . . 7 lbs.
164-4	Compound curve, No. 4, No. 14-gauge steel	Each . . . $8\frac{1}{2}$ lbs.
164-5	Compound curve, No. 5, No. 14-gauge steel	Each . . . $10\frac{1}{4}$ lbs.
164-6	Compound curve, No. 6, No. 14-gauge steel	Each . . . 12 lbs.
164-7	Compound curve, No. 7, No. 14-gauge steel	Each . . . 14 lbs.
443x7	Center bracket (malleable iron)	Each . . . 3 lbs.
443x8	End bracket (malleable iron)	Each . . . $3\frac{1}{4}$ lbs.
443-1	Soffit plate, No. 1, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-2	Soffit plate, No. 2, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-3	Soffit plate, No. 3, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-4	Soffit plate, No. 4, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-5	Soffit plate, No. 5, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-6	Soffit plate, No. 6, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-7	Soffit plate, No. 7, No. 14-gauge steel	Per sq. ft. . $3\frac{1}{8}$ lbs.
443-C	Casing (with screws) No. 14-gauge steel	Per foot . . $1\frac{1}{2}$ lbs.

Prices quoted on application.

NOTE—Machine bolts or lag screws furnished at reasonable price when specified. When ordering these, state type and thickness of heading timber or plate.

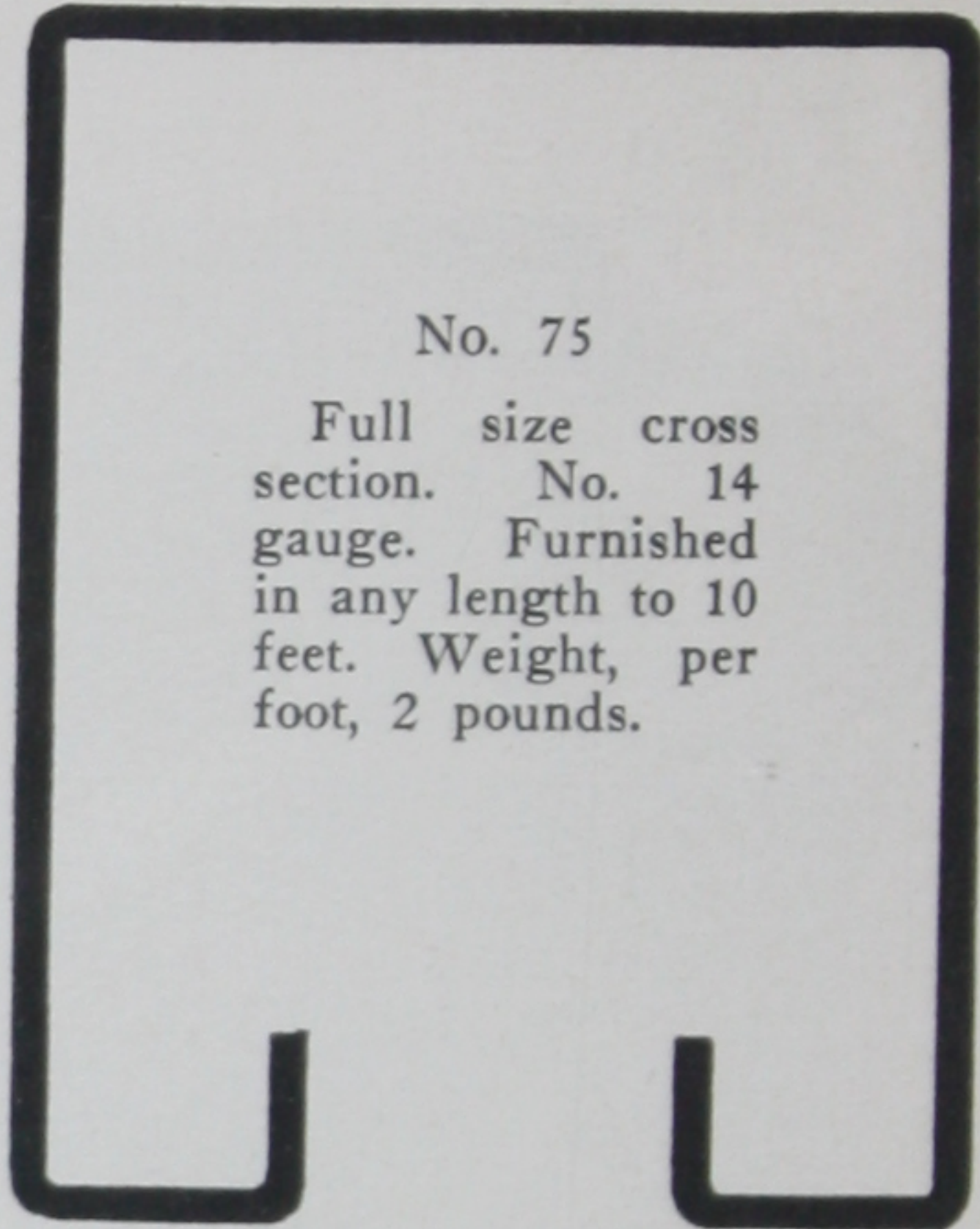
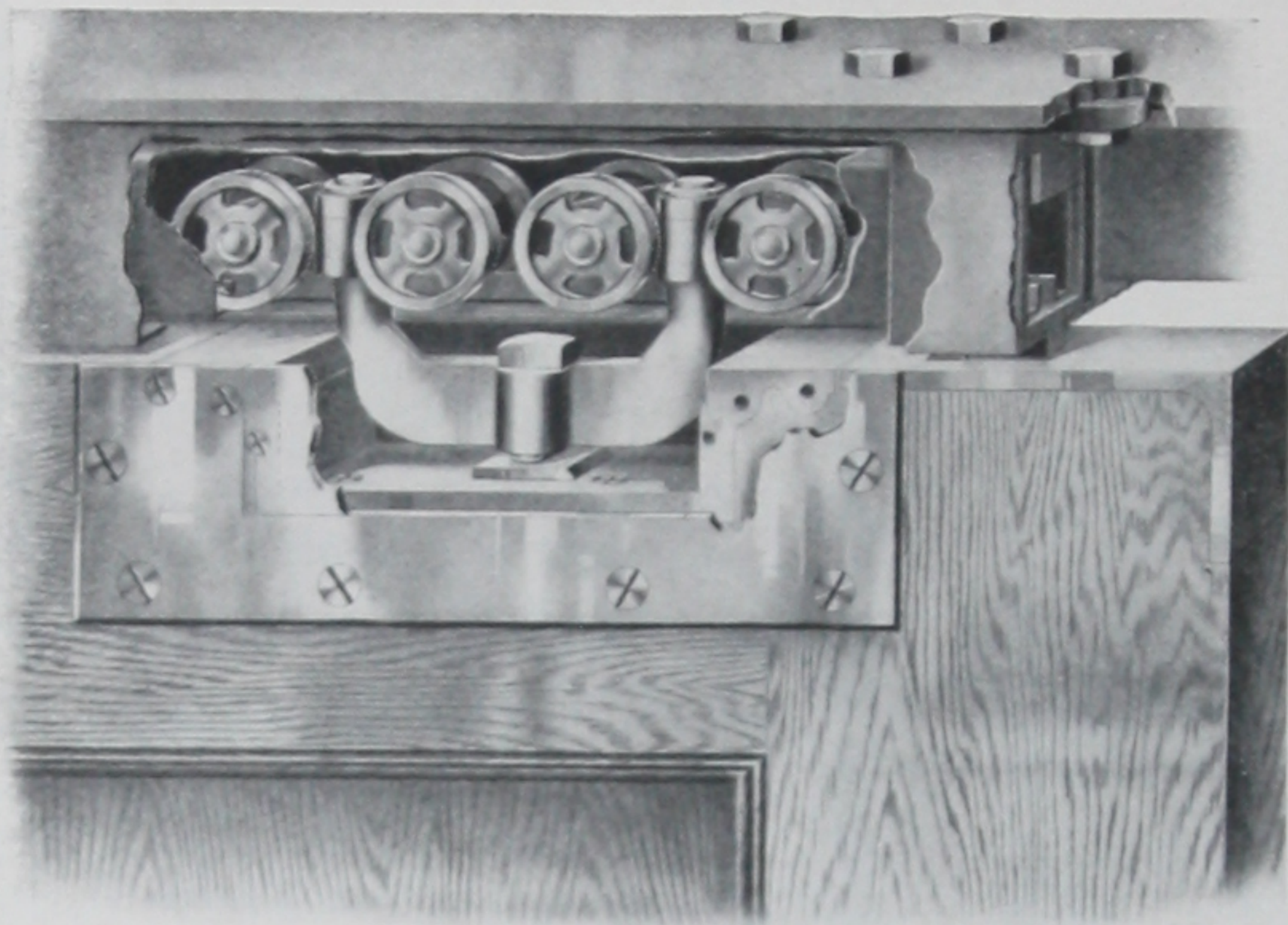


RICHARDS-WILCOX MFG. CO., AURORA, ILLINOIS, U. S. A.



No. 444—R-W Flush Door Hanger

MADE IN TWO SIZES: No. 1 FOR No. 75 TRACK, No. 2 FOR No. 164 TRACK
APPROVED BY BOARDS OF EDUCATION IN ALL LEADING CITIES



No. 75

Full size cross section. No. 14 gauge. Furnished in any length to 10 feet. Weight, per foot, 2 pounds.

Track, No. 14 gauge steel, No. 1 operates in No. 75, No. 2 in No. 164 type. Wheels, grey iron, lathe turned. No. 1, 2 $\frac{1}{8}$ inches, No. 2, 2 $\frac{7}{8}$ inches diameter. Bearings, high duty steel balls. Frames, drop forged, knuckle joint. Finish, hanger and side plates, dull black enamel. Side plates have beveled edges. Size: No. 1, 4 inches wide, 13 inches long; No. 2, 6 inches wide, 14 inches long. Screws furnished for attaching hangers to doors. Hangers made regular for doors 2 $\frac{1}{2}$ inches thick, other sizes furnished if required. Use No. 444-1 hanger for doors weighing up to 500 lbs.

Distance from top of door to heading timber or plate: No. 1, 4 inches; No. 2, 5 1-16 inches.

DESCRIPTIVE LIST
HANGER, TRACK, CURVES, BRACKETS, SOFFIT PLATES AND CASING
No. 444-1

Number	Article	Weight
444-1	Hanger	Per pair . . 27 lbs.
75	Track, No. 14-gauge steel	Per foot . . 2 lbs.
75-1	Compound curve, No. 1, No. 14-gauge steel	Each . . . 3 lbs.
75-2	Compound curve, No. 2, No. 14-gauge steel	Each . . . 4 $\frac{1}{4}$ lbs.
75-3	Compound curve, No. 3, No. 14-gauge steel	Each . . . 5 $\frac{1}{2}$ lbs.
75-4	Compound curve, No. 4, No. 14-gauge steel	Each . . . 6 $\frac{3}{4}$ lbs.
75-5	Compound curve, No. 5, No. 14-gauge steel	Each . . . 8 lbs.
75-6	Compound curve, No. 6, No. 14-gauge steel	Each . . . 9 $\frac{1}{2}$ lbs.
75-7	Compound curve, No. 7, No. 14-gauge steel	Each . . . 11 lbs.
444x7	Center bracket (malleable iron)	Each . . . 2 $\frac{1}{4}$ lbs.
444x8	End bracket (malleable iron)	Each . . . 2 $\frac{3}{4}$ lbs.
444-DS	Door stop (malleable iron)	Each . . . 1 $\frac{3}{4}$ lbs.
Note:	Soffit Plates are same as used on No. 443. See opposite page.	
444-1C	Casing, No. 14-gauge steel	Per foot . . 1 $\frac{1}{2}$ lbs.

No. 444-2

444-2	Hanger	Per pair . . 40 lbs.
Note:	Track	
Note:	Compound curves	
Note:	Center bracket	} are same as used on No. 443. See opposite page. . . .
Note:	End bracket	
Note:	Soffit plates	
Note:	Door stop is same as used on No. 444-1. See above.	
444-2C	Casing, No. 14-gauge steel	Per foot . . 1 $\frac{3}{8}$ lbs.

Prices quoted on application.

NOTE—Machine bolts or lag screws furnished at reasonable price when specified. When ordering these, state type and thickness of heading timber or plate.

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**“A Hanger for Any
Door that Slides”**